

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Client Matter No. 13259.00015	Serial No. 09/763,331
	Applicant Charles E. Martin and Andrew Mitchell	
	Filing Date February 22, 2001	Group TBA


U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
RK	AA	5,057,419	10/1991	Martin et al.	435	134
RK	AB	5,380,831	1/1995	Adang et al.	536	23.71
RK	AC	5,500,365	3/1996	Fischhoff et al.	435	240.4

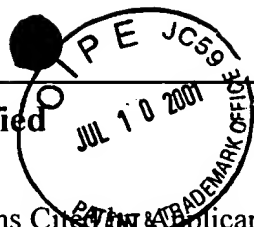
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RK -	AD -	Dalphin, M.E., <i>et al.</i> , The translational signal database, TransTerm: more organisms, complete genomes. Nucleic Acids Research 25:246-247 (1997).
	AE -	Fox, B.G. <i>et al.</i> , Stearoyl-acyl carrier protein Δ^9 desaturase from <i>Ricinus communis</i> is a diiron-oxo protein. Proc. Natl. Acad. Sci. USA 90:2486-2490 (1993).
	AF	Grayburn, W.S. <i>et al.</i> , Fatty Acid Alteration By A Δ^9 Desaturase In Transgenic Tobacco Tissue. Bio/Technology 10:675-678 (1992).
	AG	Hamada, T. <i>et al.</i> , Modification of fatty acid composition by over- and antisense-expression of a microsomal omega-3 fatty acid desaturase gene in transgenic tobacco. Transgenic Research 5:115-121 (1996) (abstract only)
	AH	Hamada, T. <i>et al.</i> , cDNA Cloning of a Wounding-Inducible Gene Encoding a Plastid ω -3 Fatty Acid Desaturase from Tobacco. Plant Cell Physiol. 37:606-611 (1996).
	AI	Hebsgaard, S.M. <i>et al.</i> , Splice site predictiOn in <i>Arabidopsis thaliana</i> pre-mRNA by combining local and global sequence information. Nucleic Acids Research 24:3439-3452 (1996).
	AJ	Heppard, E.P. <i>et al.</i> , Developmental and Growth Temperature Regulation of Two Different Microsomal ω -6 Desaturase Genes in Soybeans. Plant Physiol. 311-319 (1996).
	AK	Hugly, S. <i>et al.</i> , Enhanced Thermal Tolerance of Photosynthesis and Altered Chloroplast Ultrastructure in a Mutant of <i>Arabidopsis</i> Deficient in Lipid Desaturation. Plant Physiol. 90:1134-1142 (1989).
RK	AL	Kozak, M., Structural Features in Eukaryotic mRNAs That Modulate the Initiation of Translation. The Journal of Biological Chemistry 266:19867-19870 (1991).

EXAMINER	Russell Kalli	DATE CONSIDERED	1-8-03
----------	---------------	-----------------	--------

 Form PTO-1449 Modified		Client Matter No. 13259.00015	Serial No. 09/763,331
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Charles E. Martin and Andrew Mitchell	
U.S. Department of Commerce Patent and Trademark Office		Filing Date February 22, 2001	Group TBA
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
RK -	BA	McDonough, V.M. <i>et al.</i> , Specificity of Unsaturated Fatty Acid-regulated Expression of the <i>Saccharomyces cerevisiae</i> <i>OLE1</i> Gene. The Journal of Biological Chemistry 267:5931-5936 (1992).	
892	BB	Mitchell, A.G. and Martin, C.E., A Novel Cytochrome <i>b₅</i> -like Domain Is Linked to the Carboxyl Terminus of the <i>Saccharomyces cerevisiae</i> Δ -9 Fatty Acid Desaturase. The Journal of Biological Chemistry 270:29766-29771 (1995).	
r	BC	Murata, N. and Wada, H., Acyl-lipid desaturases and their importance in the tolerance and acclimatization to cold of cyanobacteria. Biochem J. 308:1-8 (1995).	
/	BD	Oh, C. <i>et al.</i> , <i>ELO2</i> and <i>ELO3</i> Homologues of the <i>Saccharomyces cerevisiae</i> <i>ELO1</i> Gene, Function in Fatty Acid Elongation and Are Required for Sphingolipid Formation. The Journal of Biological Chemistry 272:17376-17384 (1997).	
/	BE	Okuley, J. <i>et al.</i> , Arabidopsis <i>FAD2</i> Gene Encodes the Enzyme That Is Essential for Polyunsaturated Lipid Synthesis. The Plant Cell 6:147-158 (1994).	
/	BF	Polashock, J.J. <i>et al.</i> , Expression of the Yeast Δ -9 Fatty Acid Desaturase in <i>Nicotiana tabacum</i> . Plant Physiol. 100:894-901 (1992).	
/	BG	Sayanova, O. <i>et al.</i> , Expression of a borage desaturase cDNA containing an N-terminal cytochrome <i>b₅</i> domain results in the accumulation of high levels of Δ^6 -desaturated fatty acids in transgenic tobacco. Proc. Natl. Acad. Sci. USA 94:4211-4216 (1997).	
/	BH	Schultz, D.J. <i>et al.</i> , Expression of a Δ^9 14:0-acyl carrier protein fatty acid desaturase gene is necessary for the production of a ω^5 anacardic acids found in pest-resistant geranium (<i>Pelargonium xhortorum</i>). Proc. Natl. Acad. Sci. USA 93:8771-8775 (1996).	
/	BI	Shah, S. <i>et al.</i> , Overexpression of the <i>FAD3</i> Desaturase Gene in a Mutant of Arabidopsis. Plant Physiol. 114:1533-1539 (1997).	
/	BJ	Shanklin, J. <i>et al.</i> , Eight Histidine Residues Are Catalytically Essential in a Membrane-Associated Iron Enzyme, Stearoyl-CoA Desaturase, and Are Conserved in Alkane Hydroxylase and Xylene Monooxygenase. Biochemistry 33:12787-12794 (1994)	
RK	BK	Shanklin, J. <i>et al.</i> , Mössbauer studies of alkane ω -hydroxylase: Evidence for a diiron cluster in an integral-membrane enzyme. Proc. Natl. Acad. Sci. USA 94:2981-2986 (1997).	
EXAMINER <i>Russell K. Allen</i>		DATE CONSIDERED <i>1-8-03</i>	

RECEIVED
 JUN 21 2002
 TECH CENTER 1500/2900



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Client Matter No. 13259.00015	Serial No. 09/763,331
		Applicant Charles E. Martin and Andrew Mitchell	
		Filing Date February 22, 2001	Group TBA

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RK	CA	Shaw, G. and Kamen, R., A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation. Cell 46:659-667 (1986).
	CB	Somerville, C. and Browse, J., Plant Lipids: Metabolism, Mutants, and Membranes. Science 252:80-87 (1991).
	CC	Stukey, J.E. <i>et al.</i> , The <i>OLE1</i> Gene of <i>Saccharomyces cerevisiae</i> Encodes the $\Delta 9$ Fatty Acid Desaturase and Can Be Functionally Replaced by the Rat Stearoyl-CoA Desaturase Gene. The Journal of Biological Chemistry 265:20144-20149 (1990).
	CD	Thomas, P.G. <i>et al.</i> , Increased thermal stability of pigment-protein complexes of pea thylakoids following catalytic hydrogenation of membrane lipids. Biochimica et Biophysica Acta 849:131-140 (1986).
RK	CE	Wang, C. <i>et al.</i> , Changes of Fatty Acids and Fatty Acid-Derived Flavor Compounds by Expressing the Yeast Δ -9 Desaturase Gene in Tomato. J. Agric. Food Chem. 44:3399-3402 (1996).

EXAMINER <i>Russell Kallin</i>	DATE CONSIDERED <i>1-8-03</i>
---------------------------------------	--------------------------------------